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Service Information Bulletin

SUBJECT	DATE
SPN 412 (MCM) (GHG17)	February 2017

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0193	GHG17 Medium Duty	SPN 412/FMI 15 - GHG17	This is a new diagnostic procedure for MDEG.

DiagnosticLink users: Please update the troubleshooting guides in DiagnosticLink with this newest version. To update the tool troubleshooting guide, open DiagnosticLink and from the Help – Troubleshooting Guides menu, select the appropriate troubleshooting manual, then click Update.

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2 SPN 412/FMI 15 - GHG17

EGR Valve Temperature Too High

Table 1.

SPN 412/FMI 15	
Description	This Fault Code Sets When the Internal EGR Valve Temperature is Greater than 135°C (275°F).
Monitored Parameter	EGR Valve Temperature
Typical Enabling Conditions	Engine Temperature Greater than 82°C (180°F)
Monitor Sequence	None
Execution Frequency	When Enabling Conditions Are Met
Typical Duration	Five Seconds
Dash Lamps	MIL, CEL
Engine Reaction	None
Verification	Start and Run the Engine Until the Engine Temperature Greater than 82°C (180°F) and Recheck for the Fault Code.

WARNING: ENGINE EXHAUST

To avoid injury from inhaling engine exhaust, always operate the engine in a well-ventilated area. Engine exhaust is toxic.

Check as follows:

1. Connect DiagnosticLink ®.
2. Check for multiple fault codes. Are there any fault codes for high coolant temperature or any other EGR system fault codes present?
    a. Yes; diagnose the other fault codes first.
    b. No; replace the EGR valve. Verify repair.
    For DD5: Refer to section "Removal of the Exhaust Gas Recirculation Valve".
    For DD8: Refer to section "Removal of the Exhaust Gas Recirculation Valve".

